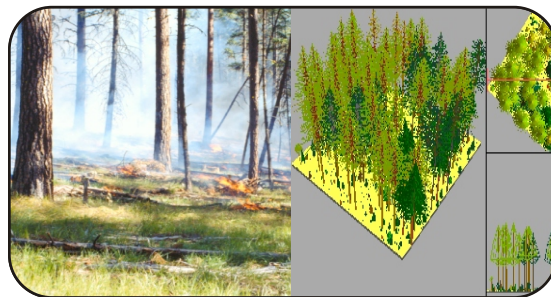


Fire and Fuels Extension to the Forest Vegetation Simulator

USDA-FS ~ INT ~ ESSA Technologies Ltd.



What is it ?

A model linking stand development, fuel dynamics, fire behavior and fire effects. Mid-to-long term effects of alternatives including harvests, fuel treatment, prescribed fire, wildfire and salvage can be compared.

What type of information will you find ?

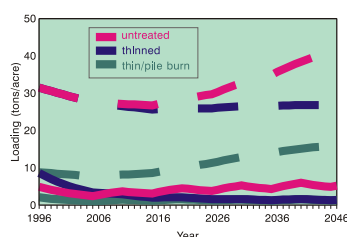
Site specific projections of:

- * snags
- * surface fuel loads
- * stand structure and composition
- * fire potential - surface and crown

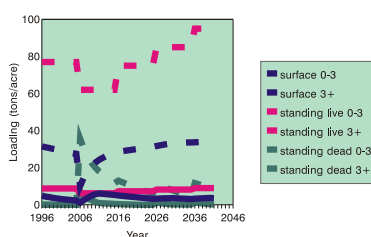
and, in the event of fire:

- * fire behavior
- * fuel consumption
- * tree mortality
- * smoke

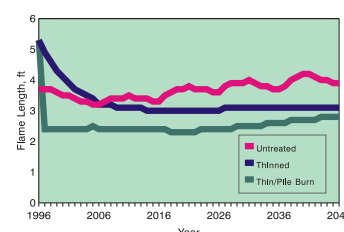
Surface Woody Fuel Loads
Priest Lake Demo Area 3



Fuel Pools
Wildfire in 2006



Potential Flame Lengths, Wildfire Conditions
Priest Lake Demo Area 3



How can it help you ?

- * Assess fire hazard
- * Design integrated silvicultural and fire prescriptions
- * Choose alternatives based on effects over time
- * Design treatments to reduce risk of stand replacement fire

**Available
now for:**

1. Northern Idaho/Western Montana
2. Eastern Montana
3. Southern Oregon/Northeastern California
4. Western Sierra Nevada
5. East Cascades
6. Central Idaho
7. Central Rockies
8. Utah

Download from: <http://www.fs.fed.us/fmnc/fvs.htm>